ABSTRACT:

The present invention relates to a process for synchronization the video stream during the secured distribution of video sequences in accordance with a nominal stream format of the MGEG type constituted by a succession of pictures. Prior to the transmission to the client equipment an analysis is made for generating a modified main stream presenting the format of a nominal stream and presenting pictures modified by the substitution of certain data by data of the same nature but random or calculated, and complementary information of any format comprising the substituted data and the digital information suitable for permitting the reconstruction of this modified nominal stream, referenced by synchronization elements permitting the knowledge of to which picture of the modified main stream it refers, then separate transmissions are made of the main stream in real time or differed time and the complementary information in real time at the moment of displaying from the server to the recipient equipment, and a synthesis is calculated on the recipient equipment of a stream reconstituted in the nominal format as a function of the main stream and of this complementary information and a reading of this reconstituted stream on the recipient equipment. The reading on the recipient equipment conditions the transmitting of this complementary information, which is transmitted in portions as a function of said position identifier transmitted by the recipient equipment to the server.